



## Frontend Challenge

### OBJECTIVE:

Write a “single page application” (SPA) to display a Movie Library Showcase. A user should be able to list/add/delete/search Movies. The page should look like this:

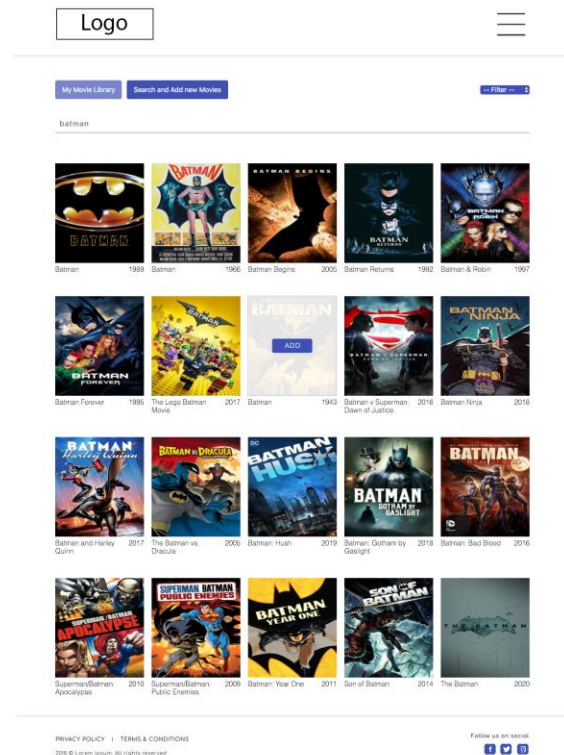
Sample UI

[Preview attachment UIAssignment.jpg](#)



[UIAssignment.jpg](#)

1.7 MB



#### DATA:

1. Use any open source Movie APIs as a data source or a hardcoded JSON file with data taken from IMDB.com
2. Data to show: Title, Poster and Year of Release
3. Show any 10 movies upfront and fetch their posters using the API

#### REQUIREMENTS:

1. Use vanilla/native Javascript. **Do not use any libraries or frameworks (e.g. jQuery, React, Angular)**
2. Make it responsive (Breakpoints: 400px & 1240px). Do not use any HTML/CSS libraries or frameworks (e.g. Bootstrap, Skeleton, Foundation)
3. Items should be sortable by Title & Year of Release
4. Search should be functional & able to filter results in real-time (without refreshing)
5. Style the UI. It should be aesthetically pleasing

#### EVALUATION:

1. Code quality, brevity, readability, maintainability & standards followed
2. UI Quality (aesthetic)
3. Deployment automation (for generation/updating of Github-Pages branch)
4. Extra points for using CSS preprocessors, task runners & ES6 (with Babel)

Time limit to complete the task is 3 days after task commencement.

All the very best. Feel free to get in touch in case of any query. You can mail us at [shanu.jain@rebelfoods.co](mailto:shanu.jain@rebelfoods.co)